ABSTRACT

A dictionary coupler using a non-radiative dielectric waveguide is disclosed. Particularly, a millimeter wave band non-radiative dielectric waveguide directional coupler using a multiple-hole structure in which two parallel NRD waveguides located between upper and lower conductive plates and a conductive plate having a multiple-hole structure is inserted between two NRD waveguides to couple electric and magnetic waves of an electric field component or a magnetic field component is provided.